



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Braud et al.  
**Application No.:** 09/555,555  
**Confirmation No.:** 9366  
**Filed:** September 25, 2000  
For: HLA-E Binding  
Group: 1644  
Examiner: Francois P. Vamdervegt

Our File: SHP-PT059  
Date: September 22, 2006

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants Duty of Disclosure pursuant to 37 C.F.R. §1.56,  
Applicants wish to bring to the Examiner's attention the material cited on the enclosed  
PTO-1449 form. Copies of the cited documents are enclosed.

**Applicant: Braud et al.**  
**Application No.: 09/555,555**

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Braud et al.

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RWO/vs  
Enclosures



Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT		ATTY. DOCKET NO. SHP-PT059	SERIAL NO. 09/555,555
		APPLICANT Braud et al.	
		FILING DATE September 25, 2000	GROUP 1644
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
AA	Aramburu et al., "A Novel Functional Cell Surface Dimer (Kp43) Expressed By Natural Killer Cells And T Cell Receptor $\gamma/\delta^+$ Lymphocytes," The Journal of Immunology, Vol. 144, No. 8, pps. 3238-3247 (1990)		
AB	Houchins et al., "DNA Sequence Analysis of NKG2, a Family of Related cDNA Clones Encoding Type II Integral Membrane Proteins on Human Natural Killer Cells," J. Exp. Med., Vol 173, pps. 1017-1020 (April 1991)		
AC	Ulbrecht et al., "The HLA-E Gene Encodes Two Differently Regulated Transcripts And A Cell Surface Protein," The Journal Of Immunology, Vol. 149, No. 9, pps. 2945-2953 (1992)		
AD	Ulbrecht et. al., "Impaired Intracellular Transport and Cell Surface Expression of Nonpolymorphic HLA-E: Evidence for Inefficient Peptide Building," J Exp Med, Vol. 176, pps. 1083-1090 (1992)		
AE	Shawar et al., "Antigen Presentation By Major Histocompatibility Complex Class I-B Molecules," Annual Review of Immunology, Vol. 12, pps. 839-880 (1994)		
AF	Pérez-Villar, et al, "Functional Ambivalence of the Kp43 (CD 94) NK Cell-Associated Surface Antigen," The Journal of Immunology, Vol. 154, pps. 5779-5788 (1995)		
AG	Phillips et al., "CD94 and a Novel Associated Protein (94AP) Form a NK Cell Receptor Involved in the Recognition of HLA-A, HLA-B, and HLA-C Allotypes," Immunity, Vol. 5, pps. 163-172 (1996)		
AH	Lazetic et al., "Human Natural Killer Cell Receptors Involved in MHC Class I Recognition Are Disulfide-Linked Heterodimers of CD94 and NKG2 Subunits," The Journal of Immunology, Vol. 157, pps.4741-4745 (1996)		
AI	Sivori et al., "CD94 functions as a natural killer cell inhibitory receptor for different HLA class I alleles: identification of the inhibitory form of CD94 by the use of novel monoclonal antibodies," Eur. J. Immunol., Vol. 26, pps. 2487-2492 (1996)		
AJ	Sivori et al., "Inhibitory CD94 Molecules Identified by the Z199 Monoclonal Antibody Recognize Different HLA-Class I Molecules," Transplantation Proceedings, Vol. 28, No. 6, pps. 3199-3203 (1996)		

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 2 of 2

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. SHP-PT059	SERIAL NO. 09/555,555
		APPLICANT Braud et al.	
		FILING DATE September 25, 2000	GROUP 1644

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AK	Carretero et al., "The CD94 and NKG-2-A C-type lectins covalently assemble to form a natural killer cell inhibitory receptor for HLA class I molecules," Eur. Journal of Immunology, Vol. 27, pps. 563-567 (1997)
	AL	Houchins et al., "Natural Killer Cell Cytolytic Activity Is Inhibited by NKG2-A and Activated by NKG2-C," The Journal of Immunology, Vol. 158, pps. 3603-3609 (1997)
	AM	Braud et al., "The human major histocompatibility complex class Ib molecule HLA-E binds signal sequence-derived peptides with primary anchor residues at position 2 and 9," Eur. J. Immunol., Vol. 27, pps. 1164-1169 (1997)
	AN	Plougastel et al., "Cloning of NKG2-F, a new member of the NKG2 family of human natural killer cell receptor genes," Eur J. Immunol., Vol. 27, pps. 2835-2839 (1997)
	AO	Lanier et al., "Arousal and inhibition of human NK cells," Immunological Reviews, Vo. 155, pps. 145-154 (1997)
	AP	Braud et al., "TAP- and tapasin-dependent HLA-E surface expression correlates with the binding of an MHC class I leader peptide," Current Biology, Vol. 8, No. 1, pps. 1-10 (1998)
	AQ	Braud et al., "HLA-E binds to natural killer cell receptors CD 94/NKG2A, B and C," Nature, Vol. 391, pps. 795-799 (1998)
	AR	Lee et al., "HLA-E Surface Expression Depends on Binding of TAP-Dependent Peptides Derived from Certain HLA Class I Signal Sequences," The Journal of Immunology, Vol. 160, pps. 4951-4960 (1998)
	AS	Lanier et al., "Immunoreceptor DAP12 bearing a tyrosine-based activation motif is involved in activating NK cells," Nature, Vol 391, pps. 703-707 (1998)

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